



Dworshak Fisheries Complex

Monthly Activity Report



April/May, 2014

U.S. Fish & Wildlife Service, Region 1

Volume 3, Issue 4

Special points of interest:

- Environmental Award Ceremony and Open House April 18
- Kids Fishing Day at Tunnel Pond held on May 10
- Brood Year 13 Coho were moved outside May 12
- Total Fish on station at Dworshak: 4,995,528
- Total Fish on station at Kooskia: 754,580

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Manager's Message

How important are the fish we produce within the Complex? Well, they are the reason we all have jobs, so I guess they're important. We all recognize how critical they are to the local economy. We know anglers love to catch and eat them, and that the Nez Perce consider them sacred beyond their food value. Sounds like they're important right?

When I worked at Priest Rapids Hatchery on the mid-Columbia, I was selected to go with a small group to Sitka, Alaska. The purpose of our trip was to look at some of the technologies employed by the Hidden Falls and Medvejie Hatcheries. Both facilities are privately funded and profit driven, so they tend to be drivers of fish culture improvements. Although we saw several innovations foreign to the Northwest, I took home a much more important lesson.

While there, our hosts scheduled a half day trip with a sport fishing guide, so we could learn about his dependence on the fish to support his family. Then we toured a cannery, where we saw those same fish being processed by a large work



Credit: Angela Feldmann/USFWS

force, also dependent on the fish to make a living. Then we spent part of a day on a commercial fishing vessel, talking to those folks about the hard work they do and their love of the sea and salmon. We also met with several members of the Sitka Tribe, learning about their deep, spiritual connection to the fish. Sounds like a blast, right? It was.

This trip showed me clearly how important each and every fish we produced at Priest Rapids was, from there to Alaska and everywhere else they went on their remarkable journey.

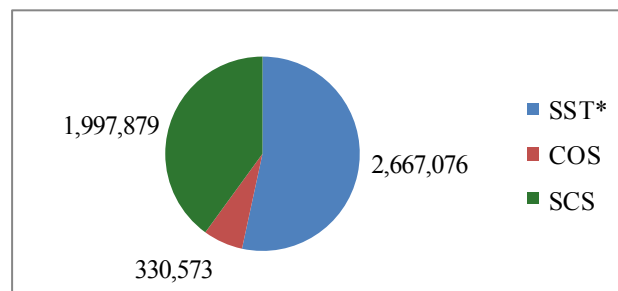
Both the fishing guide and the commercial boat captain knew about our facility, and could tell me what our

Steve Rodgers, Complex Manager

production program was and how many of those fish they'd caught the year before, based on coded-wire expansions. It was clear to me that all of the people we met were extremely interested in our fish, as they were all affected by those fish in significant ways. I was astounded at just HOW MUCH they cared, whether it was for environmental or monetary or food or livelihood or spiritual reasons, our fish mattered.

Your fish matter too. They're important to each of us, as we make our living working with them. And they have that same magical effect everywhere they go, impacting lives, all the way out to the ocean, and all the way back. They matter for the environment, and for the Native Tribes that depend on them. They are important on many levels, more than I've highlighted here.

You know what? All of YOU matter, because as much as we depend on these fish, they depend on us. Keep that in mind the next time you're doing a tough and thankless job. Our fish depend on you...and so does every other living creature touched by them as they head to the sea and back again.



Credit: Jill Olson/FWS

2014 Youth Challenge Color Guard



Credit: Jill Olson/FWS

Lou Ann Lasswell
releasing steelhead

The last of the
BY 2013 steelhead
smolts were
released on
April 24, 2014



Credit: Jill Olson/FWS

Melissa Billups
operating pumps
during 2014 smolt
release

Hatchery Headlines: Dworshak Spring Chinook Salmon (SCS)

Brood Year 2013 (BY13)

Swim up fry were ponded into 10 Raceways May 2-6. There are four distinct ponding groups: Low-density, high-density, flow study, and Selway. Each group can be identified through PBT. There were 2,046,000 fish ponded. By the end of May there were 1,997,879 SCS averaging 804 fpp. Mortality was 2.35 % (48,121). Raceway flow averaged 400 gpm and water temperature was 43 degrees.

Hatchery Headlines: Dworshak Summer Steelhead (SST)

Brood Year 2014

Take 10 was enumerated and put into egg jars in the Nursery on May 2. This was the last take to go into the nursery. At the end of May there were 2,667,076 fry occupying all 126 nursery tanks. Fish ranged from 1540 to 105 fpp with an average fpp of 415. There were 67,022 mortalities (2.45%) during the month. Primary reservoir water was heated to 54 degrees. Take 1 will be moved through the marking trailer and into BP1, 3, 5, and 7 at the beginning of June.

Hatchery Headlines: Dworshak Coho Salmon (COS)

Brood Year 2013

Coho were ponded into 3 Raceways (B16-18) on May 12. At the end of May there were 330,573 Coho averaging 1200 fpp (1.34 inches). There were 79,153 (19.3%) mortalities during the month. The full Coho report can be seen on pages 3 and 4.

Total Fish on Station: Dworshak, 5/31/2014

SP	BY	Location	Number	Wt (lbs)	FPP	L in	L mm
SST*	14	Nursery	2,667,076	6421	415	2.0	51
COS	13	RWs 16-18	330,573	275	1,202	1.3	34
SCS	12	RWs 19-28	1,997,879	2,484	804	1.5	39
Total Fish/Fry on Station			4,995,528	9,180			

Hatchery Headlines: Kooskia

Kooskia NFH Monthly Activity Report

This activity report is implemented by the Tribal Fish Hatchery Manager, Kent Hills. All information in this report was collected and or performed by the hatchery staff during the preceding month.

Under SRBA and the Clearwater Annual Operating Plan, the Tribe, Service and Idaho Fish & Game have agreed to implement other fish production actions related to KNFH mitigation. Reports will include additional information about other species reared, processed and released in relation to KNFH operations.

Hatchery Headlines: Kooskia continued

Kooskia Chinook Brood Year 2013

There are 672,765 Chinook fry on station, at 185 fish per pound, and the average length is 2.62 inches, mortality for the month was 368. The fish were fed 1359 lbs of feed. Water temperature averaged 53°F for the month. Fish health evaluation for the month showed low levels of *Sanguinicola* on the gills. No skin parasites were found and internal organs looked healthy. Fry were moved from the outside tanks to the Burrows ponds on May 27.



Kooskia NFH is owned by the USFWS and managed by Nez Perce Tribal Fisheries.

Credit:USFWS

Eagle Creek Coho Brood Year 2013 (TDY @ Kooskia)

There are 81,815 Coho fry on station; they are 189 fish per pound with a total mortality of 32. These fish were fed 112.4 lbs. of feed. The Coho are scheduled to be moved to DNFH the first part of June for rearing over the summer.

Kooskia Adult Trap Operations:

Trap was opened on the 15th of May for trapping Salmon.

No Chinook in the trap this month.

Performance for Kooskia BY 13 Coho, May 2014

Table 1. Brood year 2013 Coho fry were moved from outside tanks to Burrow's ponds on May 27, 2014

Pond #	Stock	30-Apr Number	Morts	31-May Number	Weight	No./Lb.		Length in	mm
BP1	KK	115,726	115	115,611	625	185.0	*	2.62	67
BP2	KK	113,092	94	112,998	706	160.0	*	2.75	70
BP3	KK	111,983	38	111,945	595	188.0	*	2.61	66
BP4	KK	111,086	47	111,039	547	203.0	*	2.54	65
BP5	KK	111,597	33	111,564	578	193.0	*	2.58	66
BP6	KK	109,649	41	109,608	586	187.0	*	2.61	66
Totals		673,133	368	672,765	3,637	185.0		2.62	67

Table 2. Brood year 2013 Eagle Creek Coho fry are scheduled to be moved to DNFH the first part of June.

Tank #	Stock	30-Apr Number	Morts	31-May Number	Weight	No./Lb.		Length in	mm
18	KK	11,697	8	11,689	72	162.0	*	2.74	70
19	KK	11,544	1	11,543	57	204.0	*	2.54	64
20	KK	11,483	4	11,479	61	189.0	*	2.60	66
21	KK	11,650	1	11,649	62	189.0	*	2.60	66
22	KK	11,848	12	11,836	65	183.0	*	2.63	67
23	KK	11,766	5	11,761	57	208.0	*	2.52	64
24	KK	11,859	1	11,858	63	189.0	*	2.60	66
Totals		81,847	32	81,815	437	187.2		2.61	66



Credit: Angela Feldmann/FWS

Silas Whitman,
Nez Perce Tribal
Executive
Committee
Chairman,
presenting an award
to Chuck Axtell,
Longhouse Spiritual
Leader and Fisheries
Technician



Credit: Angela Feldmann/FWS

Robyn Thorson,
Regional Director of
the U.S. Fish and
Wildlife Service



Credit: Angela Feldmann/FWS

Lt. Col. Andrew D.
Kelly, Walla Walla
District, U.S. Army
Corps of Engineers

Hatchery Headlines: Nez Perce Tribal Fisheries At Dworshak

All BY 13 Coho from five A Bank nursery stacks were ponded into three B Bank Raceways (409,746) on May 12, 2014. The inventory of Brood year 2013 Coho on June 1st showed a total of 330,573 Clearwater stock in three B Bank Raceways.

Table 1. Brood year 2013 Coho inventory as of June 1, 2014 at DNFH

	Number of Fish	Weight (lbs.)	FPP (average)	Length (inch)	Length (mm)
Raceway 16	107,721	90	1200.00	1.34	34
Raceway 17	123,503	103	1200.00	1.34	34
Raceway 18	99,349	83	1200.00	1.34	34
TOTAL	330, 573	275	1200.00	1.34	34

MORTALITY:

The average percent mortality for Clearwater stock Coho was 19.32%.
Total monthly mortality was 79,153 as collected by staff

GROWTH:

Fish per pound (fpp) decreased from an average of 1400 fpp to 1200 fpp.
Average length was 1.34 inches.

FEED:

A total of 35.9 pounds of Bio-Oregon's BioPro starter #0 Crum feed was fed for the month of May. ROMET medicated top coating was used. The total cost of feed for the month of May was \$104.72.

FISH HEALTH:

Monthly fish health samples were collected by Corie Samson. See fish health reports (14-144, 14-151, and 14-157). Coagulated Yolk Disease was confirmed and resulted in high mortality in all three raceways. ROMET medicated top coat was mixed into feed to combat bacteria.

REPORTS:

o N/A

MEETINGS/TRAINING:

o N/A

Information and Education Corner

Statistics for 2 month period: Tours– 8, 245 people; Register– 352 visitors from 20 states, Australia, Canada, and Puerto Rico; [Volunteers– 13 logging 198.5](#) Website visitors– 401; Facebook reach- 690; Volunteers –16 logging 104 hours [Vis10 countries](#); [Facebook5447](#)

Dworshak

On Site:

- University of Idaho Fish Health class toured the complex on April 1 (12 college students)
- During the months of April and May, eight groups visited our facility allowing us to reach about 86 adults and 159 students.
- April 22 a tour group of 40 adults from British Columbia toured the Hatchery, Kelt Reconditioning Project, and Fish Health Center

Off-site:

- April 28- Fish Dissection with 7th and 8th grade Life Science classes at Orofino Junior/Senior High School 68 students attended
- Kid's Fishing Day was held on May 10, 2014 at Tunnel Pond reaching 70 registered young fishing enthusiasts and their families
- Veteran's Fishing Day at Tunnel Pond for 12 veterans from the Idaho State Veteran's Home in Lewiston, ID was held on May 12
- Hatchery in the Classroom release day on May 19 at Lawyer Creek for 50 students; Dworshak Complex had 3 teaching booths .
- Hatchery in the Classroom release event at Spalding Park May 29 and 30, reaching and teaching 400 kids and 25 adults.

Kooskia

On Site:

- There were 245 visitors to the hatchery during this month; this figure is compiled by staff. Salmon season is open and we are having a lot of visitors looking for Salmon.
- We had 35, 3rd graders from Kamiah Elementary School at the hatchery for tours of the hatchery and surrounding area on the 7th.
- There were about 75 children on the hatchery property hosted by the US Forest Service.



Credit: Kent Hill/ NPT Fisheries

Fisherman sizing up
his catch during Kid's
Fishing Day
May 10



Credit: Angela Feldmann/USFWS

The U.S. Forest Service
hosted about 75 children at
the Kooskia National Fish
Hatchery on May 7.



Credit: Jody Brostrom/USFWS

The Stream of
Dreams Salmon,
Idaho

May 5 and 10



*Thank YOU
Veterans*



Credit: Jill Olson/FWS

**Veteran's Fishing
Day at Tunnel
Pond**

May 12, 2014



Credit: Jill Olson/FWS

Maintenance Activities

Dworshak April 2014

- Installed showers in two residences
- New vanity top in quarters #2
- New refrigerators in Quarters 3 & 4
- Repaired steps in Quarters 4
- Finished out two more quarters garage areas
- Serviced Lab HVAC system
- Working on Pond crowder control system
- Serviced First Aid Kits
- 1999 Dodge van new wheel bearings
- Completed spawning balcony painting, carpet and lighting.
- Repaired Burrows pond standpipes
- New guide bearing on spawning room diverter gate
- Replaced alarm room lockset
- Removed rubber from channel crowder roll up door
- Repaired formalin room garage door
- Repaired Quarters #2 toilet
- Removed and replanted Quarters #2 planter bed
- Repaired Hyster forklift battery
- Installed spotlight on flagpole
- Replaced broken guide wheel on pond crowder

May 2014

- Replaced Drain Valves in System II and III aeration chambers
- Performed various repairs on burrows pond screens and grip strut
- Repaired public restroom stall door
- Chevy Blazer repairs to front end and new tires
- Replaced transformer in main pump house
- Replaced timers in main pumphouse transfer gear
- Replaced main pump Breaker #4
- Replaced clutch in JD mower
- PMs on main pumps
- Working on Mech I chiller system modifications
- Repaired kanaline Hose on System II flygt pump
- Installed grip treads on underpass steps
- Gave maintenance presentation at coldwater fish culture course
- HVAC service performed on hatchery quarters

Kooskia May 2014

May 05: Kent, Gerry and Kenny removed the wood dam boards at the intake, repaired the faulty air valve on the small Obermeyer weir at the water intake site making it operational again.

May 05: The large Obermeyer weir was open to allow high creek water to pass.

May 06: Gerry put a submersible pump in the trap channel making it permanent for filling water tanks for fish moving.

May 06: Gerry and Kent set up the travel trailer for the Tribal Monitor.

May 07: Kenny and Art gave tours of the hatchery to children from Kamiah Elementary School.

May 15: The trap was opened.

May 19: Staff installed the sun shade covers on the burrows ponds.

May 22: Began filling burrows ponds in preparation for moving BY13 fish from rearing tanks to burrows ponds.

May 23: The chiller was turned on to reduce the water temperature on the fish.

May 27: All fish of BY13 were moved from the rearing tanks to the burrows Ponds



Idaho Fish Health Center

Bacteriology: Laura and Jill identified *Aeromonas hydrophila* from 2 nursery tanks of SST, 112, and 212, which were experiencing increased mortality early in the month. *A. hydrophila* and other environmental bacteria were identified in Coho late in the month.

Virology: Corie, Jill and Chelsea ran a total of 87 samples representing 439 fish from Dworshak NFH, Nez Perce Tribal Hatchery, Nez Perce Tribe Coho Program, Hagerman National Fish Hatchery and the Wild Fish Health Survey. Corie, Jill and Chelsea ran 147 blind passes representing 769 fish from Nez Perce Tribal Hatchery, Nez Perce Tribe FCAP, Kootenai Tribe of Idaho and the Wild Fish Health Survey.

PCR: Rick screened spring Chinook salmon and Coho salmon fry for IHNV virus with reverse transcriptase real time PCR that were experiencing mortality after ponding with negative results.

Rick completed the processing and screening of two hundred and seventy four samples from adult spring Chinook salmon, summer Chinook salmon, fall Chinook salmon, chum salmon, Coho salmon and steelhead trout that were collected from six US Fish and Wildlife Services facilities and two tribal facilities in the Pacific Northwest for Infectious Salmon Anemic virus (ISAv). Samples were screened by reverse transcriptase real time PCR as required by the APHIS ISAv Surveillance Program.

ELISA: No samples were analyzed by ELISA during this month.

Parasitology: Rick completed two pre-release exams for *Myxobolus cerebralis* from rainbow trout at Hagerman NFH and fall Chinook salmon at the Nez Perce Tribal Hatchery.

Histology: Guppy stained and read slides for 30 fins from the WA Dept. of Fish and Wildlife Wells hatchery for WSIV testing on white sturgeon from the Columbia River.

FWS Hatcheries

Kooskia: Guppy visited Kooskia on 5/30 for routine monitoring exam of SCS. Fish were found healthy at this time.

Hagerman: Rainbow trout were shipped from Hagerman for their spring prerelease examination. The Rainbow trout are currently on Spring 17 and Main spring water. Their stomachs were also examined for New Zealand Mudsnaills.

Dworshak: Rick conducted two diagnostic exams for spring Chinook salmon fry that were ponded direct from incubation to the B bank of raceways in early May. Observed mortality was typically the result of coagulated yolk.

NEZ PERCE TRIBE: Spring Chinook at NPTH experienced increased mortality in several B bank tanks. Chelsea and Laura examined fish from 4 tanks. Gas bubble disease in gills was seen in low levels, and a motile *Aeromonas* bacterium was isolated from tank B2, which was previously found to have IHNV. CWD was also confirmed in the same tank. A pre-release examination for FCS on station was also performed.

Coho salmon ponded in mid-May in raceways B16 – 18 experienced high mortality preceding ponding. Rick assisted Corie with the initial diagnostic exams and it was determined that the mortality was being caused by a high incidence of coagulated yolk and a systemic bacterial infection resulting in hemorrhaging of the air bladder, pyloric cecum and the intestine. It was recommended that an antibiotic treatment was warranted. Romet 30 was top coated on feed and was administered at 50 mg/Kg of fish for five days.

Wild Fish Survey: Laura and Chelsea traveled to Northern Idaho to complete sampling in the Priest Lake area. 180 fish were caught from 5 locations. More locations could have been completed had the water levels been lower. Many streams had such high flows that collections were difficult.

Idaho Fish Health Center (continued from page 7)

Other:



Credit: Jill Olson/FWS

Corie, Jill and Chelsea ran a total of 87 samples representing 439 fish from Dworshak NFH, Nez Perce Tribal Hatchery, Nez Perce Tribe Coho Program, Hagerman National Fish Hatchery and the Wild Fish Health Survey.

Laura, Guppy, Corie and Rick met with Doug Munson from Eagle Fish Health Lab along with Dworshak and Clearwater State Hatchery Management, to discuss the potential increase in steelhead and spring Chinook salmon production and how to deal with unforeseen extra sampling cost issues on 5/7.

Laura and Guppy met with Mark Drobish to discuss budgets for increased fish health sampling for proposed increased SCS production.

Laura attended UAT call on May 2.

Laura and Sonia worked on producing a briefing document that included pit falls with current WFS database and solutions to add into briefing document on who uses the database and why.

Laura attended Bull trout Passage meeting in Missoula May 14 via conference phone to discuss new ARM rules and sampling for this year.

Laura, Guppy, Jill, Corie, and Rick and families, all volunteered at the Kids Free fishing day held at the NPT Tunnel ponds on May 10.

Guppy participated in Dworshak management team meeting on 5/1. She also attended R1 Project leader call on 5/12.

All available staff attended national fish health center conference call hosted by Joel Bader, National Aquatic Animal Health Coordinator on 5/12. All staff also participated in regional fish health center call hosted by Andy Goodwin on 5/12.

Guppy attended the Snake Basin SCS coordination webinar/conference calls scheduled for every Tuesday morning, as available.

Guppy gave tours of the Idaho Fish Health Center to 38 visitors from British Columbia on 5/13.

Rick attended the monthly Dworshak Safety Meeting on May 21.

Idaho Fisheries Resource Office

Participating in weekly Chinook calls and meetings with co-managers to decide how to handle summer Chinook that may be collected at Dworshak during spring Chinook broodstock collection. IDFG wants to use these in their summer Chinook program so they will be transferred to Clearwater Hatchery. We continue to work to incorporate use of the FINs database into the M&E and production programs. This will require some changes to how we have collected data during past trapping and spawning operations. We developed a new electronic form for tracking trap morts. Production crew will be testing it out with new Chinook.

The FRO was awarded funding to conduct evaluation for passage of adult Pacific lamprey at the four Snake River Dams. We will

be working with University of Idaho on the study. We traveled to John Day Dam to make a site visit of trapping and tagging facilities. Lots of preparation underway for this.

We began working on 2015 budgets and work plans, updating the HGMP's for Chinook salmon and steelhead and sent these out for review.

BY2014 steelhead are being moved from the nursery to system 1 and being clipped and marked with CWT's. We will be measuring fish lengths and weights as fish pass through the marking trailers.

Carrie Bretz attended the steelhead reconstruction meeting in Boise. Screw trap is still being operated in Clear Creek. The trap is checked daily and all Chinook salmon are PIT tagged.



Idaho Fisheries Resource Office (continued from page 8)

Carrie is still working on permits and contractors for the PIT array to be installed in Clear Creek.

During the month of May, Billy and the staff of the fall Chinook salmon research projects were involved in the following activities:

- 1) Weekly beach seining and PIT tagging fall Chinook salmon subyearlings continued.
- 2) A manuscript on PIT tagging small Chinook salmon was drafted jointly among the NPT, IFRO, and USGS.
- 3) The final quarterly progress report to BPA was submitted.
- 4) The 2013 annual report to BPA was jointly compiled by the IFRO, NPT, WDFW, NOAA, and IPC.
- 5) Work continued on the Recovery Plan.
- 6) Billy, Frank, and Ken greatly appreciated all the spring Chinook they caught and are grateful to the DNFH staff for making that possible!

Mike Faler has been busy developing a strategic plan for the FRO aquatic conservation team.

Notes from Salmon, Idaho FRO by Jody Brostrom,

1. The Stream of Dreams project came to fruition, and it was a resounding success! The instructors came to Salmon the week of May 5, and held a rotation of classes for grades K-8. The main topics were watershed health, the critters that live in watersheds, and how people can do their part to keep the watersheds healthy. Kids were then given the opportunity to paint a fish. The hanging of the fish happened on a cold, rainy/snowy Saturday May 10. Many volunteers turned out to help hang the fish along the fence between the High School and U.S. Highway 93. It is an amazing site to drive by, and the community pride in the project continues. I will provide a final report when I get it from our partners.
2. Thanks to the Regional Office and the Dworshak Complex Youth Hire program, the IFRO secured a little over \$9,000 to fund two college age interns and a high school intern from June 2014 through September 2015. The college interns will work during the summer, and the high school intern will work throughout the school year. I participated on the interview panel for the first college intern, and Anna Foust was chosen. Anna grew up in Salmon, and is interested in pursuing a career in a Biological/Natural Resources field. She wrote an email of thanks for this opportunity, which I have included here:

I just wanted to tell you both a little about myself and to say thank you for allowing me to have this amazing opportunity.

I was born and raised here in Salmon and graduated from the high school here in 2013. I have always been involved with the environment, whether it was via hunting and fishing or just simply wandering around in the outdoors. I am currently a Biology student at Lewis Clark State College (LCSC) in Lewiston, Idaho. After completing my first year in the program, I am still really excited to move forward with my degree and pursue a career in the biology field. Through this internship that I was so lucky to receive, I have been able to explore so many options that my future could hold in the short few weeks that I have been working.

I would simply like to say thank you for letting me have this opportunity in my home town to explore my career options and to get real life experiences that will help me my future. These past few weeks have been truly amazing, and to be honest, a bit overwhelming (in a good way of course) to how much can be done in the biology field. I have had the pleasure of meeting so many incredible people and to



*"Thank you again
for this amazing
opportunity."*

*Anna Foust,
Dworshak Complex
Youth Hire Program*



Credit: Angela Feldmann/USFWS

Crew from Youth
Challenge load
adult steelhead on
fish truck.



Credit: Angela Feldmann/USFWS

work alongside them doing what they enjoy. I am excited to go to work every day and to find out what new adventures it will hold. I cannot wait to see what the rest of this summer has in store for me!

Thank you again for this amazing opportunity.

3. The Idaho FRO received \$850 to help implement the 2014 Sacajawea Center Water Adventure Camps which will be held in July. These camps are very popular, and I look forward to working with the kids in one of their sessions.
4. I worked on the IFRO Strategic Plan, coordinating with partners on their visions and incorporating some of it into our objectives and goals.
5. I took a 3 day online Retirement Class hosted by the National Park Service and offered to FWS folks. It was very informative, I highly recommend it.

Meetings...Training...Travel

Dworshak

Coldwater Fish Culture Class held at Three Meadows Park May 14, 15, 16.

Kooskia

Kent went to Pendleton, Oregon for a meeting regarding the upcoming Northwest Fish Culture Conference on the 7th.

Kent, Kenny & Art went to DNFH for FINS training on the 8th.

Kent & Art attended the three day Cold Water Fish Culture Class at Three Meadows Park on Dworshak Reservoir.

Administrative Activities

Safety

Two "Non-recordable" OSHA incidents

Personnel Actions

- Jason Sperber: Resignation effective 5/31. Accepted a private sector position.
- John Hook: 5/6- Career Ladder Promotion to FPL, Fish Bio Trainee, Effective June 1

Staff Service Anniversaries and Birthdays



CONGRADULATIONS !!!
TO THOSE OF YOU WHO ARE
CELEBRATING AN APRIL or MAY
SERVICE ANNIVERSARY

Staff List

Complex Management

Steve Rodgers, Complex Manager
 Mark Drobish, Hatchery Manager
 Mike Tuell, Nez Perce Tribe Co-Manager
 Nate Wiese, Assistant Hatchery Manager
 Jack Christiansen, Aquatic Engineer

Dworshak Production Staff

Angela Feldmann, Jill Olson, Rob Bohn, Wayne Hamilton,
 Tom Tighe, Jesse Jeppesen, Jason Sperber

Nez Perce Tribe Production Program

Mike Bisbee, Tuianna Moliga, Lou Ann Lasswell, Steve
 Coomer, Jeremy Sommer, Carter Lopez, Ira Wilson, Mike
 Murphy, Casey Mitchel

Administration

Penny Hasenoehrl, Steve Bradbury

Maintenance

Adam Izbicki, Terry Weeks, Rick King, Rob Kellar, James
 Oatman, Scott Koehler, Jimmy Oatman, James Paddelty,
 Melissa Billups, Joe Livesay

Idaho Fish Health Center

Dr. Marilyn Blair, Laura Sprague, Corie Samson, Rick
 Cordes, Chelsea Weeks

Idaho Fishery Resource Office

Mike Faler, Dr. William Conner, Ray Jones, Aaron Garcia,
 Carrie Bretz, Frank Mullins, Dr. Chris Peery, Jody Brostrom,
 Randy Bowen, Ken Bugler, John Hook, Christopher Cava-
 lieri

Kooskia National Fish Hatchery

Kent Hills, Art Broncheau, Kenny Simpson, Gerry Fogelman

Parting Shots

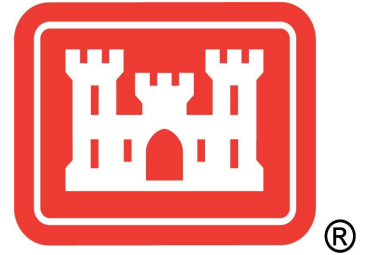


Credit: Jill Olson/FWS



Credit: Angela Feldmann/USFWS

THANK YOU to everyone who answered our call for help during a very busy spring season! Pictured above are Carl Glasow from Nevada Game and Fish and Ashley Curlee from Navajo Nation Fisheries. Pictured on left Mike Conlin from USFWS Jackson NFH. Not pictured, David Curry from Arizona Game and Fish.



If you are interest in a digital copy of this document please contact us at :

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<http://www.fws.gov/dworshak>

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Volume 3, Issue 4
Dworshak Monthly Activity Report

April/May, 2014

